## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	122	((cool or cooling) near2 (shaft or pipe)) and (rotatable or rotational) and (pressure near2 release)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/22 14:57
S2	11	("20040012199"   "3604237"   "3684316"   "4019846"   "4254972"   "4368895"   "4477107"   "4635969"   "5098135"   "5303959"   "6126207"   "7150477").PN.	USPAT; USOCR	OR	OFF	2009/01/22 15:25
S3	29	((MICHAEL) near2 (BARTLETT)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 16:51
S4	3	((STEVEN) near2 (CORCORAN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 16:53
\$5	1	((cool or cooling) near2 (shaft or pipe)) and (pressure near2 release) and (shaft near2 thin\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/22 17:11
S6	73	(pressure near2 release) and (shaft near2 thin\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/22 17:11
S7	7	(pressure near2 release) same (shaft near2 thin\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/22 17:15

S8	8	("3611529"   "4091517"   "4123068"   "4284280"   "4506421").PN. OR ("4685183").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 21:50
59	2153	(cool or cooling) and (pressure near2 release) and (shaft near2 rotat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/22 22:20
S10	112	((cool or cooling) near2 (shaft or pipe)) and (pressure near2 release) and (shaft near2 rotat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/22 22:20
S11	67	((cool or cooling) near2 (shaft or pipe)) and (pressure near2 release) and (shaft near2 rotat\$4) and (roll or roller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/22 22:33
S13	2168	72/200-202.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/22 23:23
S14	12	(US-7150477-\$ or US-6126207-\$ or US-5303959-\$ or US-5098135-\$ or US-4635969-\$ or US-4477107-\$ or US-4254972-\$ or US-4019846-\$ or US-3684316-\$ or US-3604237-\$ or US-4685183-\$).did.	USPAT	OR	ON	2009/01/22 23:24
S16	1	S14 and (pressure near2 release)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/22 23:25
S17	6	S14 and pressure	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/22 23:25

191	("0836989"   "1202966"   "1529994"		US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 23:34
	"1529994"					
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	"1536832"					
	"1564171"					
	"1605826"					
	"1820074"					
	"1850878"					
	"1936582"					
	"1996500"					
	"2056433"					
	"2270927"					
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	"2496471"					
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	"2873538"					
	"2890026"					
	"2891808"					
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	"3498591"					
	"3517694"					
	"3558238"					
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	"3892256"					
	"3906730"					
	"3907485"					
		"2305725"   "2347651"   "2384281"   "2431473"   "2450895"   "2477762"   "2496471"   "2497183"   "2528436"   "2700558"   "2727760"   "2733080"   "2791449"   "2794659"   "2805086"   "2805086"   "2805087"   "2836439"   "2873538"   "2890026"   "2891808"   "2891808"   "3131942"   "3166344"   "3242583"   "3242583"   "3242583"   "3360272"   "3377073"   "3411526"   "3484853"   "3498591"   "3558238"   "3594019"   "3558238"   "3594019"   "3558238"   "3594019"   "366394"   "3734659"   "3734659"   "3746350"   "3874707"   "3892256"   "3892256"   "3906730"	"2305725"   "2347651"   "2384281"   "2450895"   "2477762"   "2496471"   "2497183"   "2528436"   "2700558"   "2727760"   "2733080"   "2791449"   "2794659"   "2805086"   "2805086"   "2805087"   "2836439"   "2873538"   "2890026"   "2891808"   "3096103"   "3131942"   "3131942"   "3166344"   "3242583"   "3265411"   "3360272"   "3377073"   "3411526"   "3484853"   "3498591"   "3558238"   "3594019"   "3558238"   "366394"   "3611529"   "3746350"   "3746350"   "3874707"   "3892256"   "3890730"   "3890730"   "3907485"	"2305725"   "2347651"   "2384281"   "2431473"   "2450895"   "2477762"   "2496471"   "2497183"   "2528436"   "2700558"   "2727760"   "2733080"   "2791449"   "2794659"   "2805086"   "2805086"   "2805087"   "2836439"   "2890026"   "2891808"   "3096103"   "3131942"   "3166344"   "3242583"   "3265411"   "3360272"   "3377073"   "3411526"   "3484853"   "3498591"   "3517694"   "3517694"   "3558238"   "3594019"   "366394"   "3611529"   "3746350"   "3874707"   "3892256"   "3906730"   "3907485"	"2305725"   "2347651"   "2384281"   "2431473"   "2450895"   "2477762"   "2496471"   "2497183"   "2528436"   "2700558"   "277760"   "2733080"   "2731449"   "2791449"   "2805086"   "2805086"   "2805086"   "2805086"   "2836439"   "2836439"   "2839026"   "2831808"   "3096103"   "3131942"   "3166344"   "3242583"   "3265411"   "3360272"   "3377073"   "3411526"   "3484853"   "3498591"   "3558238"   "3594019"   "361529"   "3746350"   "3746350"   "3746350"   "3746350"   "3746350"   "3874707"   "3892256"   "3907485"	"2305725"   "2347651"   "2384281"   "2431473"   "2450895"   "2477762"   "2496471"   "2496471"   "2497183"   "2528436"   "2700558"   "2727760"   "2733080"   "2791449"   "2794659"   "2805086"   "2805086"   "2805087"   "2836439"   "2836338"   "2890026"   "2891808"   "3096103"   "3131942"   "3166344"   "3242583"   "3265411"   "3360272"   "3377073"   "3411526"   "3484853"   "3498591"   "3558238"   "3594019"   "3517694"   "3517694"   "3517694"   "3734659"   "3734650"   "3734650"   "3734650"   "3734650"   "3896730"   "3907485"

S19	1	("6171223").PN.	USPAT; USOCR	OR	OFF	2009/01/23 09:07
		"6126207"   "7150477").URPN.				
		"5303959"		· · · · · · · · · · · · · · · · · · ·		
		"5098135"		ummu		
		"4685183"		· ·		
		"4477107"   "4635969"				
		"4368895"				
		"4254972"				
		"4019846"		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		"3684316"				
		("3604237"				
		"6287014"   "6315703").PN. OR		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		"6146020"   "6287014"				
		"5702130"				
		"5598600"				
		"5348352"				
		"5169181"		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		"5165734"				
		"5087082"				
		"5037115"   "5046718"				
		"5015000"   "5027115"				
		"4955433"				
		"4817995"				
		"4817410"				
		"4792164"				
		"4758026"				
		"4749199"				
		"4683628"				
		"4635969"				
		"4606561"				
		"4606560"				
		"4506421"				
		"4364241"   "4368895"				
		"4363490"   "4364241"				
		"4358937"		· · · · · · · · · · · · · · · · · · ·		
		"4341093"		***************************************		
		"4300842"		***************************************		
		"4295484"				
		"4284280"				
		"4262940"				
		"4254972"				
		"4233011"				
		"4194767"				
		"4123068"		***************************************		
		"4091517"				
		"4051604"				
		"3942803"				
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S20	350	72/252.5.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 09:13
S21	36	72/252.5.ccls. and (cool or cooling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 09:13
S22	446	492/46.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 09:13
S23	18	((cool or cooling) near2 (shaft or pipe)) and (pressure near2 release) and (shaft near2 hollow)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 09:51
S24	271	492/46.ccls. and (cool or cooling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 11:00
<b>S</b> 25	15	492/46.ccls. and (cool or cooling) and (shaft near2 hollow) and (shaft with rotat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 11:01
S26	1	("5591336").PN.	USPAT; USOCR	OR	OFF	2009/01/23 12:34
S27	1	("3678226").PN.	USPAT; USOCR	OR	OFF	2009/01/23 12:37
<b>S</b> 29	36	"hollow roll shaft"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 12:43
S30	1	("3576209").PN.	USPAT; USOCR	OR	OFF	2009/01/23 13:14

S31	6	72/453.01.ccls. and (roll or roller) and (cool or cooling) and pressure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 13:59
S32	95	72/342.7.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 19:24
S33	161	72/342.3.cols.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 19:24
S34	55	72/342.2.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 19:24
<b>S</b> 35	2702	285/272-282.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 20:03
<b>S</b> 36	113	285/272-282.ccls. and (cool or cooling) and pressure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 20:03
<b>S</b> 37	1	((Pawlak) near2 (Wolfram)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 10:09
<b>S</b> 38	280	492/46.ccls. and (cool or cooling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 10:45
<b>S</b> 39	41	72/252.5.ccls. and (cool or cooling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 10:45

S40	32	("2528436"   "2891808"   "3377073"   "3411526"   "4233011"   "4254972"   "4300842"   "4341093"   "4363490"   "4364241"   "4368895"   "4683628"   "4749199"   "4817410"   "4955433"   "5015000"   "5037115"   "5046718"   "5046718"   "50487082"   "5702130"   "6146020"   "6287014"   "6315703").PN. OR ("7150477").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/23
S41	1	("5406820").PN.	USPAT; USOCR	OR	OFF	2010/02/23 12:00
S42	9	"72"/\$.ccls. and ((cool or cooling) near4 (roll or roller)) near4 interior	USOCR; EPO; JPO	OR	ON	2010/02/23 12:04
S43	4	("1850878").URPN.	USPAT	OR	ON	2010/02/23 13:12

## **EAST Search History (Interference)**

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2/25/2010 10:39:39 AM

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